

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier.

Product: TS2106-12S
Product use: Fine-L-Kote HT, Silicone Conformal Coating
Restriction of Use: Refer to Section 15.

New Zealand Supplier: Baskiville.com Ltd
Address: 16 Methven Chertsey Road
Methven
Telephone: +64 3 302 8703
Fax Number: +64 3 302 8706

**Emergency Telephone: 0800 764 766 (National Poison Centre)
0274768214**

Date of SDS Preparation: 10 January 2017

Section 2. Hazards Identification

This substance is hazardous according to the HSNO (Minimum degrees of Hazard) Regulations 2001

EPA Approval No: Aerosols (Flammable) – HSR002515

Pictograms



Flammable



Irritant



Health Hazard

Signal Word: Warning

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
2.1.2A	H223	Flammable aerosol	Category 1
6.1D (oral)	H302	Harmful if swallowed	Category 4
6.3A	H315	Causes skin irritation	Category 2
6.4A	H320	Causes eye irritation	Category 2
6.8B	H361	Suspected of damaging fertility or the unborn child	Category 2
6.9B (repeated)	H373	May cause damage to nervous system through prolonged or repeated inhalation or oral exposure.	Category 2
9.1D	H401	Toxic to aquatic life	Category 4
9.3C	H433	Harmful to terrestrial vertebrates	N/A

Prevention Code	Prevention Statement
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from sparks, open flames and other sources of ignition. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe vapours or spray.
P264	Wash exposed skin thoroughly after handling
P270	Do not eat drink or smoke while using this product
P273	Avoid release into the environment
P280	Wear protective gloves and eye/face protection
P281	Use personal protective equipment as required.

Response Code	Response Statement
P301 + P312	IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention
P314	Get medical advice/attention if your feel unwell
P332 + P313	If skin irritation occurs: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse

Storage Code	Storage Statement
P405	Store locked up
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C

Disposal Code	Disposal Statement
P501	Dispose of by exporting from New Zealand as waste of by treating the substance so that it is no longer hazardous. *

* For full details see Section 13 Disposal considerations, of this document or Section 7 (Disposal) of the Group Standard Approval, Aerosols (Flammable) – HSR002515

Section 3. Composition / Information on Ingredients

Components	Wt.%	CAS Number
Xylenes	10 – 15	1330-20-7
Toluene	30 – 50	108-88-3
Polysiloxane mixture	13 – 24	N/A
1, 1, 1, 2 – Tetrafluoroethane	20 – 40	811-97-2

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention.

If on Skin: Wash with plenty of soap and water. Remove any contaminated clothing as wash before re-use. If irritation occurs get medical advice/attention.

If Swallowed: DO NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.

If Inhaled: Move to fresh air, keep warm and at rest. Get medical advice/attention

Section 5. Fire Fighting Measures

Hazard Type	Flammable aerosol
Hazards from combustion products	Thermal decomposition or combustion may yield oxides of carbon (CO, CO ₂)
Suitable extinguishing media	Water fog, spray or mist, foam, dry chemical or carbon dioxide.
Precautions for fire-fighters and special protective clothing	Do not use water jet as extinguisher, as this will spread the fire. Aerosol containers can explode when heated due to excessive pressure build up. Containers close to fire should be removed if safe to do so, or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Self contained breathing apparatus and full protective clothing must be worn in case of fire.
HAZCHEM CODE	2YE

Section 6. Accidental Release Measures

Use personal protective equipment as detailed in Section 8. Observe safe handling procedures as detailed in Section 7.

Stop leak if without risk, move containers from the spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth; place in a sealed container for disposal in accordance with Section 13. Contaminated absorbent material may pose the same hazard as the spilled product.

Extinguish all ignition sources. Take precautions as necessary to prevent contamination of ground and surface waters. NEVER flush to sewers/drains.

Section 7. Handling and Storage

Precautions for handling

- Avoid breathing gas, mist or vapours
- Store and use away from heat, sparks, open flame or any other source of ignition.
- Use explosion proof electrical equipment.
- Use only with adequate ventilation or an appropriate respirator.
- Use non-sparking tools
- Empty containers retain product residue and can be hazardous.
- Do not ingest.
- Do not pierce or burn, even after use.
- Do not get in eyes or on skin or clothing.
- Do not eat, drink or smoke while using this product.
- Protect from sunlight
- Do not expose to temperatures exceeding 50°C

Precautions for storage:

- Store away from direct sunlight in a cool, well ventilated area.
- Do not expose to temperatures exceeding 50°C
- Eliminate all ignition sources.

Section 8. Exposure Controls / Personal Protection

Workplace Exposure Standards (provided for guidance only)

Substance	TWA	STEL
Xylenes	435mg/m ³	651mg/m ³ 150ppm
Toluene	375mg/m ³ 200ppm	560mg/m ³ 300ppm
1, 1, 1, 2-Tetrafluoroethane	1000ppm	Not specified

Workplace Exposure Standard – Time Weighted Average (WES – TWA). The time-weighted average exposure standard is designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard - Short-Term Exposure Limit (WES – STEL). The 15-minute average exposure standard. Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time weighted average exposures apply.

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Engineering controls

Use only with adequate local and exhaust ventilation. Keep air contamination below all exposure limits and below the lower explosion limit. Use explosion proof ventilation equipment.

Personal Protection Equipment

Eyes	If there is any risk of liquid splashes, mist or dusts chemical splash goggles should be worn.
Hands and Skin	If there is any risk of skin contact suitable protective gloves and/or clothing should be used. Where there is a risk of ignition from static electricity, wear anti-static protective clothing.
Respiratory	Use an approved respirator if there is any risk of exposure limits being exceeded.
General	Emissions from ventilation or work process equipment should be checked to ensure they comply with all environmental protection legislation.

Section 9. Physical and Chemical Properties

Appearance	Clear, water-white, viscous liquid
Upper and Lower Explosive Limits	Not determined
Odour	Aromatic odour
Odour Threshold	Not determined
Vapour pressure	Not determined
Vapour density	>1 (air = 1)
pH	Not determined
Relative Density	0.92
Boiling Point	110°C
Melting Point	Not determined
Solubility	In soluble in water
Flash Point	4°C
Auto-ignition	Not determined
Partition coefficient	Not determined
Viscosity	Not determined
Evaporation Rate	Not determined
Decomposition temperature	Not determined

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal temperatures and pressures
Conditions to avoid	Heat, flames, ignition sources
Incompatible materials	Oxidising materials
Hazardous Decomposition Products	Oxides of carbon (CO, CO ₂) may form through thermal decomposition or combustion.

Section 11. Toxicological Information

Acute Effects

Swallowed	Harmful if swallowed. Mixture calculation, LD ₅₀ = 1135mg/kg
Dermal	N/A
Inhalation	N/A
Eye	Causes eye irritation
Skin	Causes skin irritation

Chronic Effects

Carcinogenicity	N/A
Reproductive Toxicity	Suspected of damaging fertility or the unborn child
Germ Cell Mutagenicity	N/A
Aspiration	N/A
STOT/SE	N/A
STOT/RE	May cause damage to nervous system through prolonged or repeated inhalation or oral exposure.

Section 12. Eco-toxicological Information

This product is known to be hazardous to the environment

HSNO Classes

9.1D = Toxic to aquatic life

9.3C = Harmful to terrestrial vertebrates

Persistence and Degradability	N/A
Bioaccumulation	N/A
Mobility in Soil	N/A
Other adverse effects	N/A

Xylene (CAS: 1330-20-7)

48hr, LC₅₀, Crustacean (*Palaemonetes pugio*) = 8.5mg/L

96hr, LC₅₀, Fish (*Oncorhynchus mykiss*) = 3.3mg/L

72hr, LC₅₀, Algal (*Skeletonema costatum*) = 10mg/L

Toluene (CAS: 108-88-3)

96hr, LC₅₀, Fish (*Oncorhynchus mykiss*) = 5.8mg/L

48hr, EC₅₀, Crustacean (*Daphnia magna*) = 11.5mg/L

72hr, EC₅₀, Algal (*Selenastrum capricornutum*) = 12.5mg/L

Section 13. Disposal Considerations

Disposal Method: The contents of the aerosol containers must be disposed of along with aerosol container or by purging provided that there is no ignition source in the vicinity, were the substance to ignite no person could possibly be at risk and that the concentration does not exceed any exposure limits that are in place.

The aerosol containers must be disposed of by being exported from New Zealand as waste, deposited in a landfill or by burning in an incineration plant.

Full details can be found in Section 7 of the document about the group standard, Aerosol (Subsidiary Hazard) – HSR002519

Section 14. Transport Information

This product is classified as a Dangerous Good for transport in New Zealand; NZS 5433:2012

Road and Rail Transport

UN No: 1950
Class-primary 2.1
Packing Group N/A

Air Transport

UN No: 1950
Class-primary 2.1
Packing Group N/A
Proper Shipping Name AEROSOLS

Marine Transport

UN No: 1950
Class-primary 2.1
Packing Group N/A
Proper Shipping Name AEROSOLS

Section 15. Regulatory Information

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code: HSR002515

HSNO Classification: 2.1.2A, 6.1D (oral), 6.3A, 6.4A, 6.8B, 6.9B (repeated), 9.1D, 9.3C

HSNO Controls	Trigger Quantity
Approved Handler	3000L aggregate water capacity
Location Certificate	3000L aggregate water capacity
Signage	3000L aggregate water capacity
Emergency Response Plan	3000L aggregate water capacity
Secondary Containment	3000L aggregate water capacity

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Section 16. Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority.
HSNO	Hazardous Substances and New Organisms.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms
LEL	Lower Exposure Limit
OSHA	American Occupational Safety and Health Administration
TEL	Tolerable Exposure Limit
TLV	Threshold limit Value – an exposure limit set by responsible authority
UEL	Upper Exposure Limit
WES	Workplace Exposure Limit

Disclaimer

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